OIPE JC98 MAY 17 2005 PATENT & TRADEMARK OFFICE

IFW 2634

PTO/SB/21 (08-00) MODIFIED

213200.00046

# TRANSMITTAL FORM

*(to be used for all correspondence after initial filing)*

| | |
|---|---|
| **Application Number** | 09/730,603 |
| **Filing Date** | 12/07/2000 |
| **First Named Inventor** | Zining WU |
| Group Art Unit | 2634 |
| Examiner Name | Curtis B. ODOM |
| Total Number of Pages in This Submission: 18 | Attorney Docket Number: MP0065 |

## ENCLOSURES *(check all that apply)*

- [x] Fee Transmittal Form
  - [x] w/credit authorization
- [ ] Amendment / Reply
  - [ ] After Final
  - [ ] Affidavits/declaration(s)
- [ ] Extension of Time Request
- [ ] Express Abandonment Request
- [x] Information Disclosure Statement with PTO 1449 and 2 cited references
- [ ] Certified Copy of Priority Document(s)
- [ ] Response to Missing Parts/ Incomplete Application
  - [ ] Response to Missing Parts of Reissue Application
- [ ] Assignment Papers *(for an Application)*
- [ ] Drawing(s)
- [ ] Licensing-related Papers
- [ ] Petition
- [ ] Petition to Convert to a Provisional Application
- [ ] Associate Power of Attorney
- [ ] Terminal Disclaimer
- [ ] Request for Refund
- [ ] CD, Number of CD(s) _____
- [ ] After Allowance Communication to Group
- [ ] Appeal Communication to Board of Appeals and Interferences
- [ ] Appeal Communication to Group *(Appeal Notice, Brief, Reply Brief)*
- [ ] Proprietary Information
- [ ] Status Letter
- [ ] Other Enclosure(s) *(please identify below)*:

REMARKS

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|---|---|
| Firm *or* Individual name | Andrew J. Bateman Registration No. 45,573 |
| Signature | Andrew J. Bateman |
| Date | 05/17/2005 |

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: _____

| | | | |
|---|---|---|---|
| Typed or printed name | | | |
| Signature | | Date | |

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# FEE TRANSMITTAL for FY 2005

*Effective 10/01/2005. Patent fees are subject to annual revision.*

☐ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** ($) **180.00**

| Complete if Known | |
|---|---|
| Application Number | 09/730,603 |
| Filing Date | 12/07/2000 |
| First Named Inventor | Zining WU |
| Examiner Name | Curtis B. Odom |
| Art Unit | 2634 |
| Attorney Docket No. | MP0065 |

## METHOD OF PAYMENT *(check all that apply)*

☐ Check ☑ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account: **50-1710**

Account Name: **KATTEN MUCHIN ZAVIS ROSENMAN**

**The Director is authorized to: (check all that apply)**

☐ Charge fee(s) indicated below ☑ Credit any overpayments

☑ **Charge above Deposit Account with any additional fees necessary UNDER 37 CFR 1.16 AND/OR 1.17 to maintain pendency of this application.**

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity Fee Code | ($) | Small Entity Fee Code | ($) | Description | Fee Paid |
|---|---|---|---|---|---|
| 1001 | 300 | 2001 | 150 | Utility Filing Fee | 300.00 |
| 1111 | 500 | 2111 | 250 | Utility Search Fee | 500.00 |
| 1311 | 200 | 2311 | 100 | Patent Examination Fee | 200.00 |

SUBTOTAL (1) ($) **0.00**

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | Extra Claims | | Fee | | Fee Paid |
|---|---|---|---|---|---|
| Total Claims | | - 20** = | | x 50.00 = | |
| Independent | | - 3** = | | x 200.00 = | |
| Multiple Dependent | | | | 360.00 = | |

| Large Entity Fee Code | ($) | Small Entity Fee Code | ($) | Description |
|---|---|---|---|---|
| 1202 | 50 | 2202 | 25 | Claims in excess of 20 |
| 1201 | 200 | 2201 | 100 | Independent claims in excess of 3 |
| 1203 | 360 | 2203 | 180 | Multiple dependent claim, if not paid |
| 1204 | 200 | 2204 | 100 | ** Reissue independent claims over original patent |
| 1205 | 50 | 2205 | 25 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) ($) **0.00**

** or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity Fee Code | ($) | Small Entity Fee Code | ($) | Description | Fee Paid |
|---|---|---|---|---|---|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for *ex parte* reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 120 | 2251 | 60 | Extension for reply within first month | |
| 1252 | 450 | 2252 | 225 | Extension for reply within second month | |
| 1253 | 1,020 | 2253 | 510 | Extension for reply within third month | |
| 1254 | 1,590 | 2254 | 795 | Extension for reply within fourth month | |
| 1255 | 2,160 | 2255 | 1,080 | Extension for reply within fifth month | |
| 1401 | 500 | 2401 | 250 | Notice of Appeal | |
| 1402 | 500 | 2402 | 250 | Filing a brief in support of an appeal | |
| 1403 | 1,000 | 2403 | 500 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 500 | 2452 | 250 | Petition to revive - unavoidable (1.17(l)) | |
| 1453 | 1,500 | 2453 | 750 | Petition to revive - unintentional (1.17(m)) | |
| 1501 | 1,400 | 2501 | 700 | Utility issue fee (or reissue) | |
| 1502 | 800 | 2502 | 400 | Design issue fee | |
| 1503 | 1,100 | 2503 | 550 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Director | |
| 1807 | 50 | 1807 | 50 | Processing fee - provisional app (1.17(q)) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | 180.00 |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 790 | 2809 | 395 | Filing a submission after final rejection (1.129(a)) | |
| 1814 | 130 | 2814 | 65 | Statutory Disclaimer | |
| 1801 | 790 | 2801 | 395 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Req for expedited examination - Design App | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) ($) **180.00**

## SUBMITTED BY

Name: Andrew J. Bateman Registration No.: 45,573 Telephone: (202) 625-3547

Signature: Andrew J. Bateman Date: 05/17/2005

WARNING: As information on this form may become public, credit card information should not be included. Provide credit card information/authorization on PTO-2038.

OIPE JC98 MAY 17 2005 PATENT & TRADEMARK OFFICE

MP0065 PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

| | |
|---|---|
| In re Application of: | |
| Zining WU, et al. | Group Art Unit: 2634 |
| Application No.: 09/730,603 | Examiner: Curtis B. ODOM |
| Filed: December 7, 2000 | Confirmation No.: 9241 |
| For: LDPC DECODER AND METHOD THEREOF | Date: May 17, 2005 |

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed PTO-1449 and to the attached copies of those documents.

In accordance with 37 CFR § 1.97(h), this Information Disclosure Statement is not to be construed as an admission that the information cited is or is considered to be material to patentability as defined in 37 CFR § 1.56(b), nor as an admission that the information constitutes prior art within the meaning of 35 USC §§ 102 and/or 103.

It is respectfully requested that the information listed on the PTO-1449 be considered by the Examiner, and that an initialed copy of the PTO-1449 be returned indicating that such information was considered.

As a non-final Office Action has previously been issued in this application, a Fee Transmittal with a Credit Card Authorization Form is submitted concurrently herewith authorizing payment of the required $180.00 fee.

Should the Examiner have any questions, Applicants' undersigned attorney is reachable by telephone at (202) 625-3547. The correspondence address of record is provided below.

05/18/2005 JADD01 00000067 09730603
01 FC:1806 180.00 OP

Respectfully submitted,

KATTEN MUCHIN ROSENMAN, LLP

Andrew J. Bateman

Attorney for Applicants
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Registration No.: 45,573

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Customer No. 28285

OIPE JC98 MAY 17 2005 PATENT & TRADEMARK OFFICE

| FORM PTO 1449 MODIFIED<br>U.S. PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO. | APPLICATION NO. |
|---|---|---|
| | MP0065 | 09/730,603 |
| **LIST OF REFERENCES CITED BY APPLICANT** | APPLICANT | |
| | Zining WU | |
| DATE SUBMITTED TO USPTO: May 17, 2005 | FILING DATE | GROUP |
| | 12/07/2000 | 2634 |

**U.S. PATENT DOCUMENTS**

| *EXAMINER INITIALS | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|---|---|---|---|---|---|---|---|
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**FOREIGN PATENT DOCUMENTS**

| *EXAMINER INITIALS | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION OR ABSTRACT (Yes or No) |
|---|---|---|---|---|---|---|---|
| | | | | | | | |
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**OTHER DOCUMENTS (Including author, title, date, pertinent pages, etc.)**

| | | |
|---|---|---|
| | | Oberg, Mats, et al., "Parity Check Codes for Partial Response Channel," IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE – GLOBECOM '99, pp. 717-722, 1999. |
| | | Hagenauer, Joachim, et al. "A Viterbi Algorithm with Soft-Decision Outputs and Its Application," IEEE GLOBECOM '90, pp. 1680-1686 (47.1.1-47.1.7), November 1989. |
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| EXAMINER | DATE CONSIDERED |
|---|---|
| | |

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.